

FIG.1

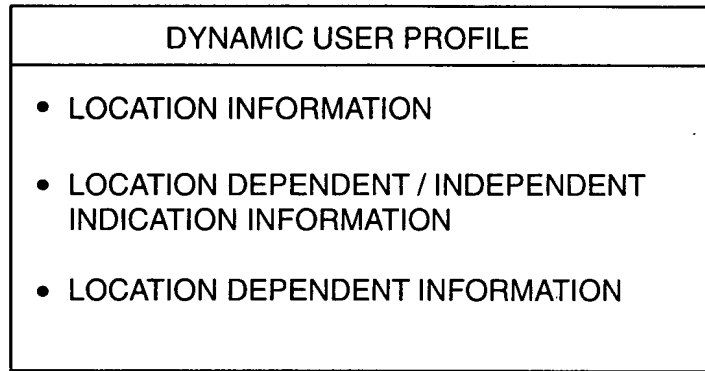


FIG.2

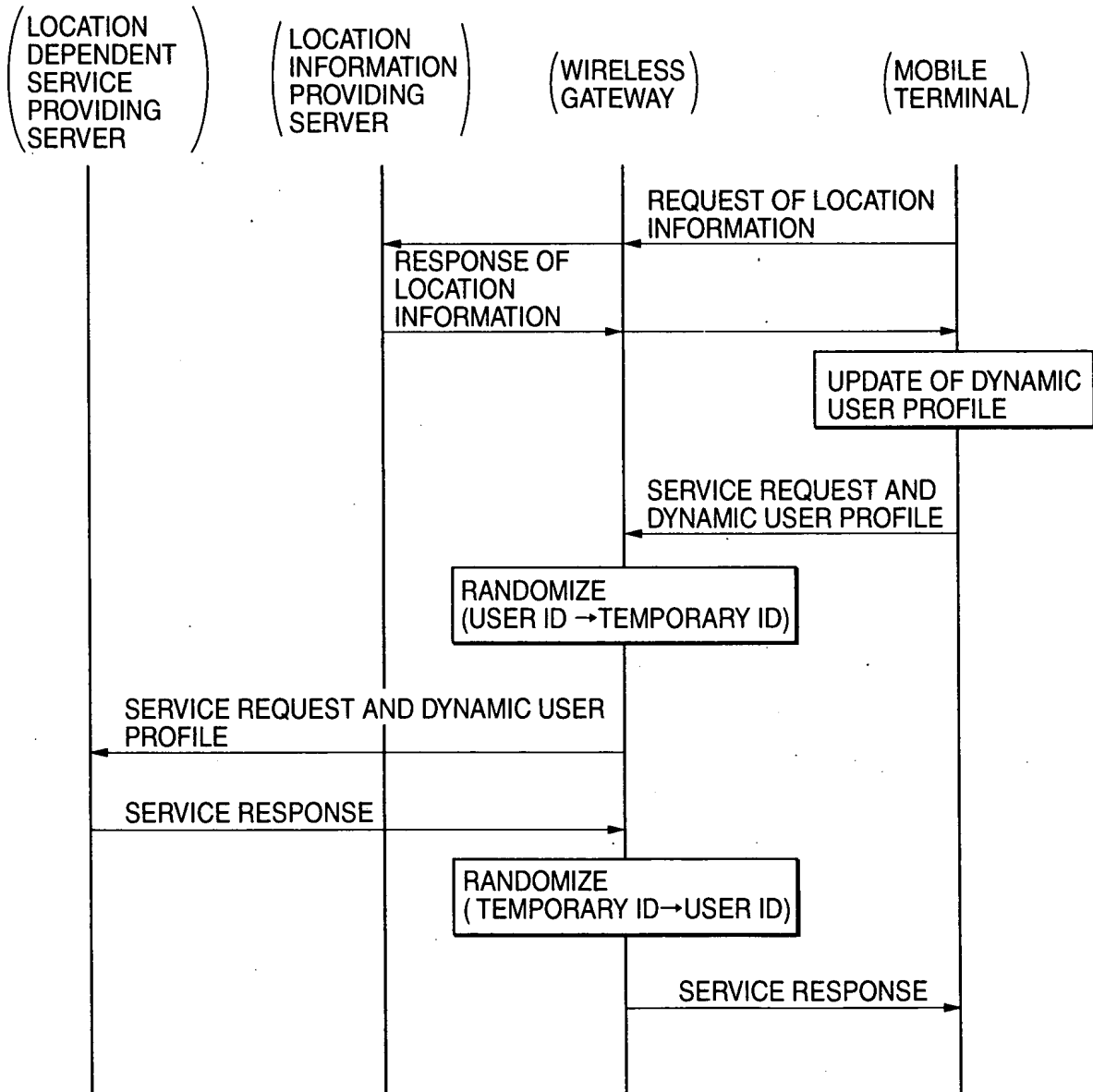


FIG.3

FIG. 4A

SERVICE REQUEST ID	SERVICE PROVIDER NAME	LOCATION INFORMATION	USER TEMPORARY ID	PARAMETER
p1	PR1	(X1,Y1)	UID1	ds1
p2	PR2	(X2,Y2)	UID2	ds2
p3	PR2	NULL	UID3	ds3
:	:	:	:	:

FIG.4A

SERVICE REQUEST ID	SERVICE PROVIDER NAME	LOCATION INFORMATION	PARAMETER
p1	PR1	(X1,Y1)	ds1
p2	PR2	(X2,Y2)	ds2
p3	PR2	(X3,Y3)	ds3
:	:	:	:

FIG.4B

SERVICE REQUEST ID	WIRELESS GATEWAY ID	LOCATION INFORMATION	PARAMETER
p1	WG1	(X1,Y1)	ds1
p113	WG11	(X2,Y2)	ds2
p9	WG1	(X3,Y3)	ds3
:	:	:	:

FIG.5A

SERVICE REQUEST ID	LOCATION INFORMATION	CREATION SERVICE INFORMATION
p1	(X1,Y1)	si1
p9	(X3,Y3)	si9
:	:	:

FIG.5B

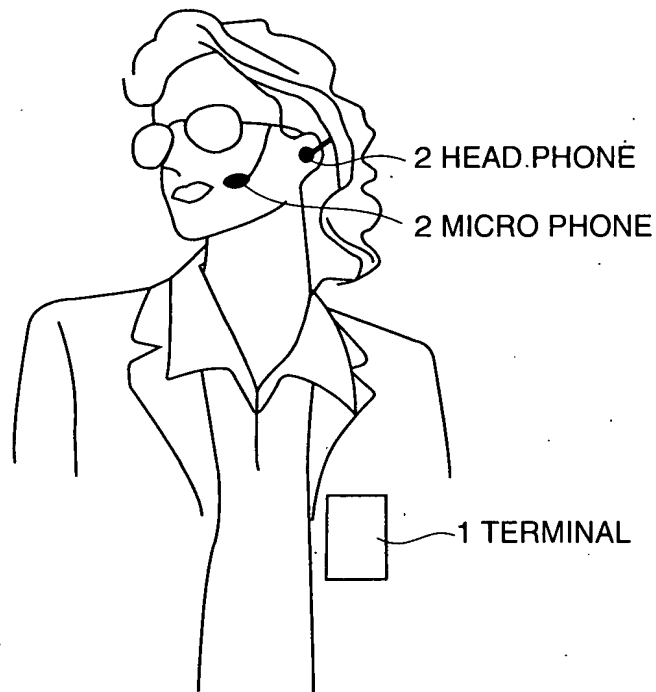


FIG.6

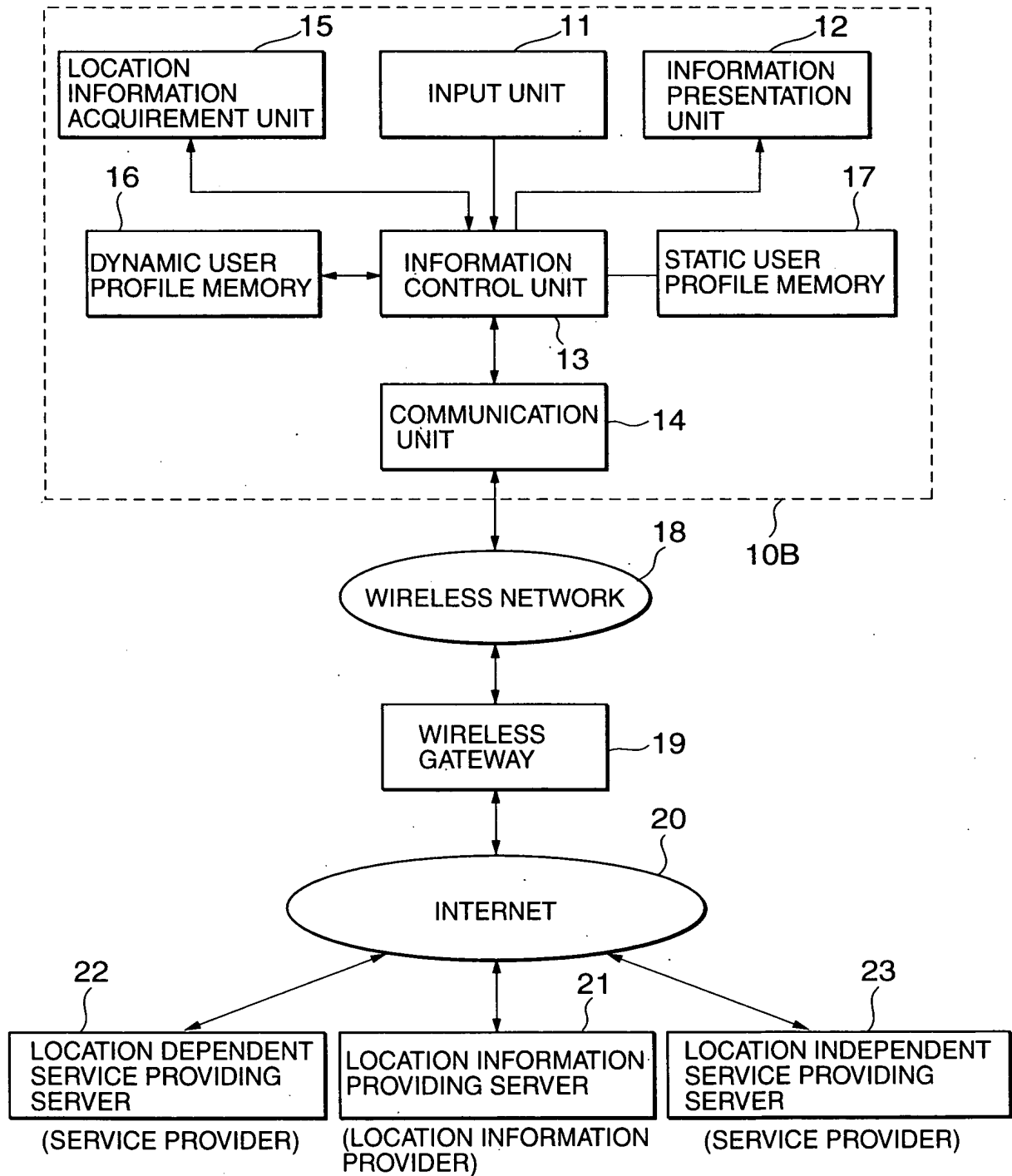


FIG. 7

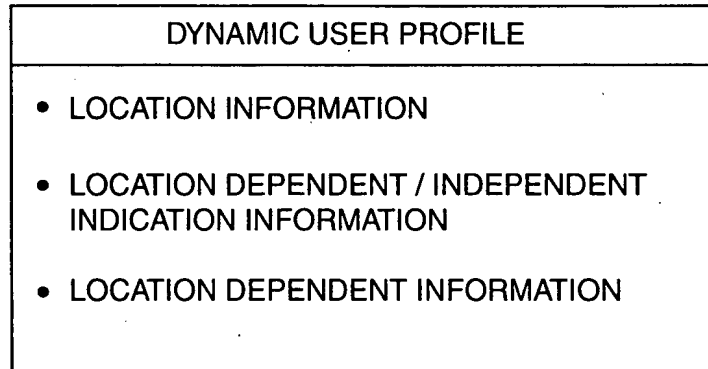


FIG.8A

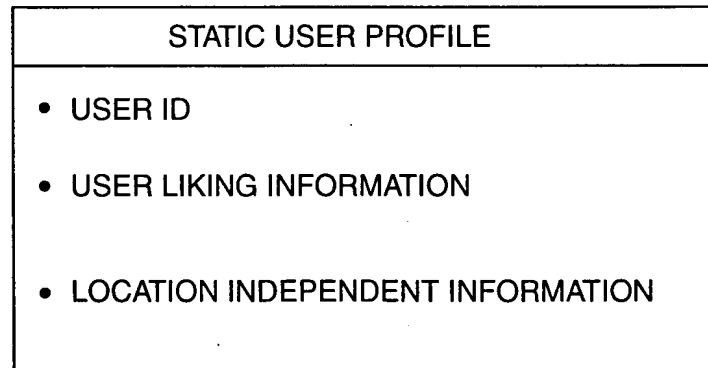


FIG.8B

HISTORY INFORMATION	LOCATION INFORMATION	PARAMETER
tn	(X1,Y1)	ds1
tn-1	(X2,Y2)	ds1

FIG.9A

USER ID	VALID TERM	PARAMETER
AU1	YYMMDD	uf1

FIG.9B

SERVICE REQUEST ID	SERVICE PROVIDER NAME	LOCATION INFORMATION	USER TEMPORARY ID	PARAMETER
p1	PR1	(X1,Y1)	UID1	ds1
p2	PR2	(X2,Y2)	UID2	ds2
p3	PR2	NULL	UID3	ds3
:	:	:	:	:

FIG.10A

SERVICE REQUEST ID	SERVICE PROVIDER NAME	USER TEMPORARY ID	PARAMETER
up1	PR1	au1	ds11
up2	PR2	au2	ds12
up3	PR2	au3	ds13
:	:	:	:

FIG.10B

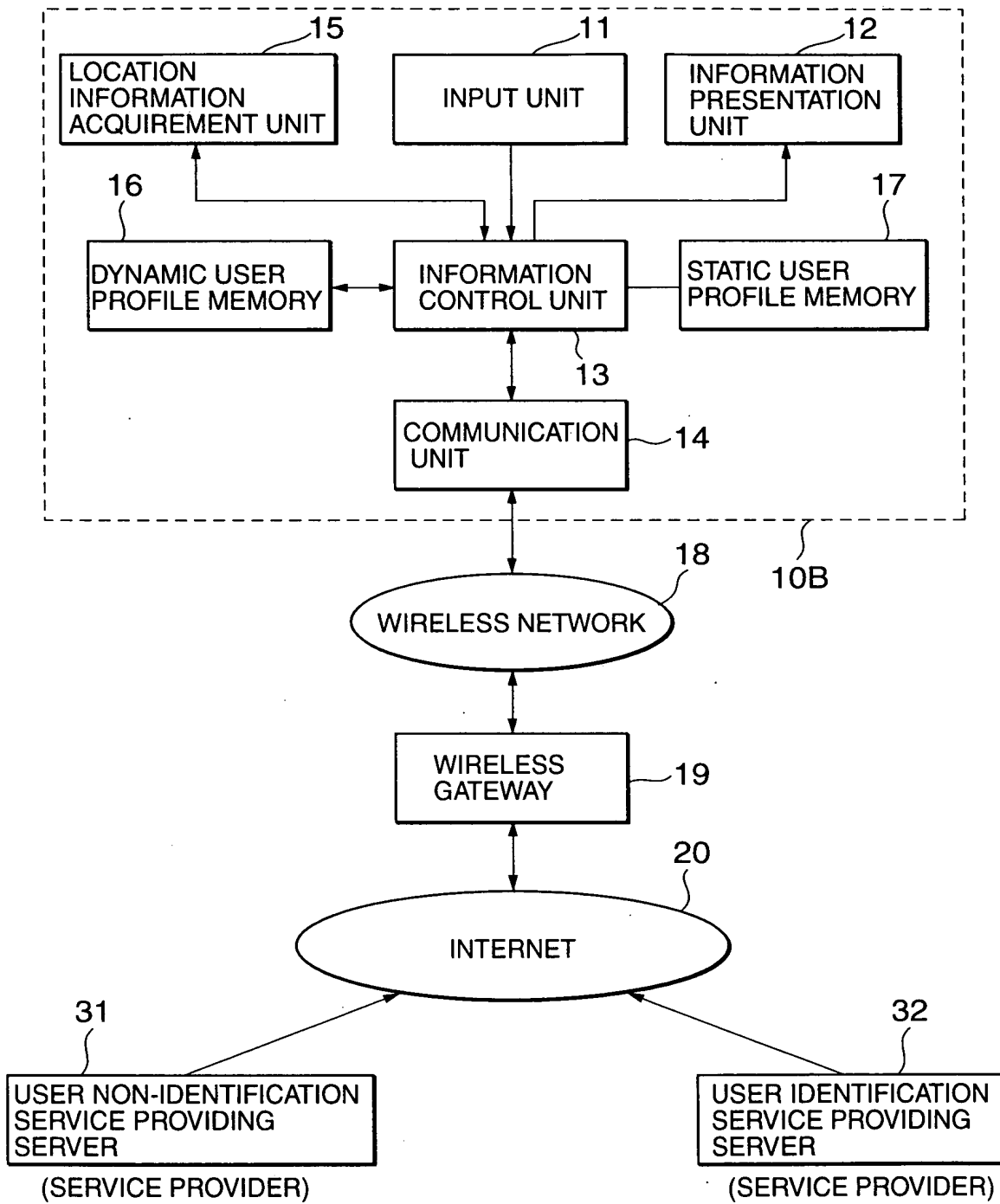


FIG.11

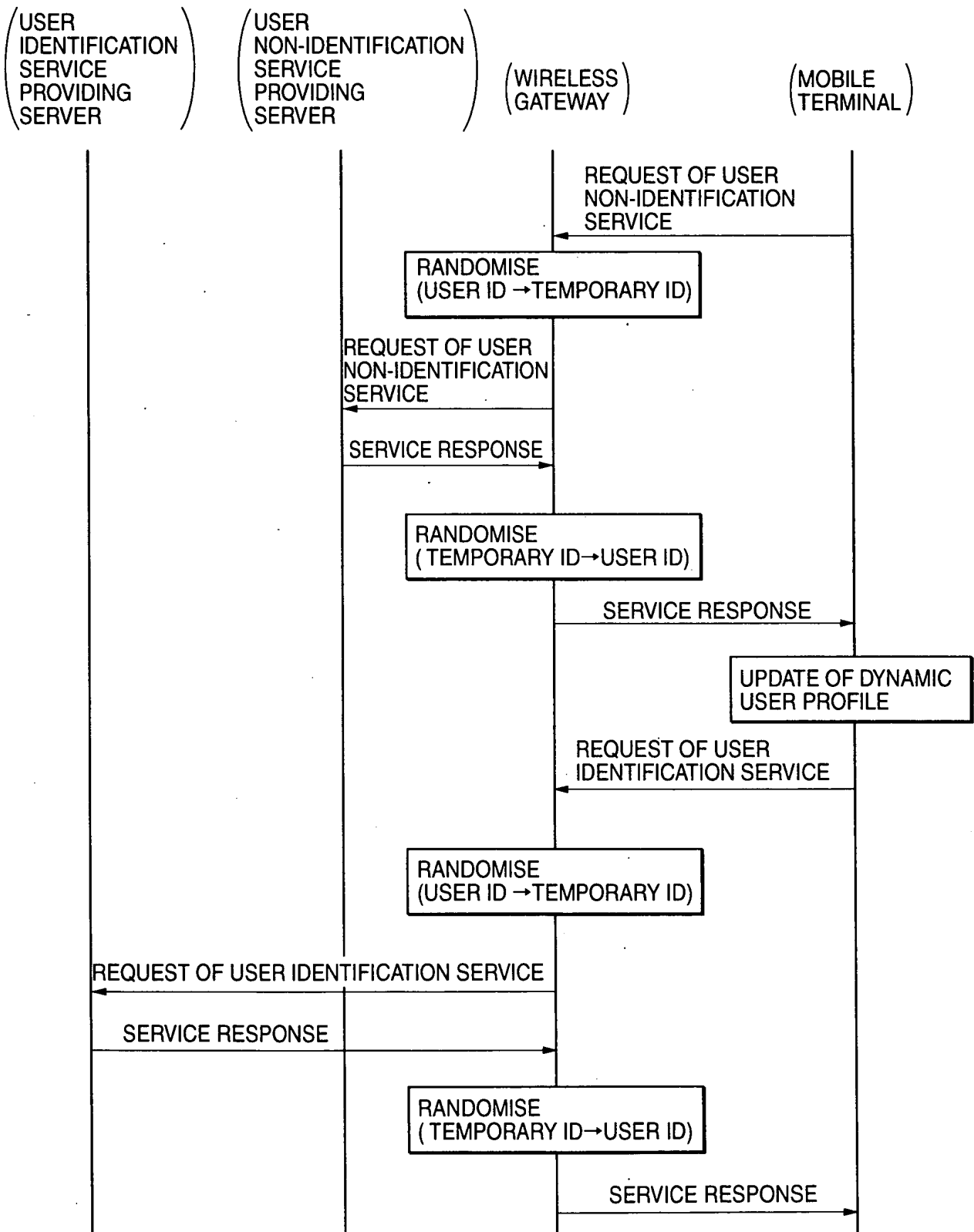


FIG.12

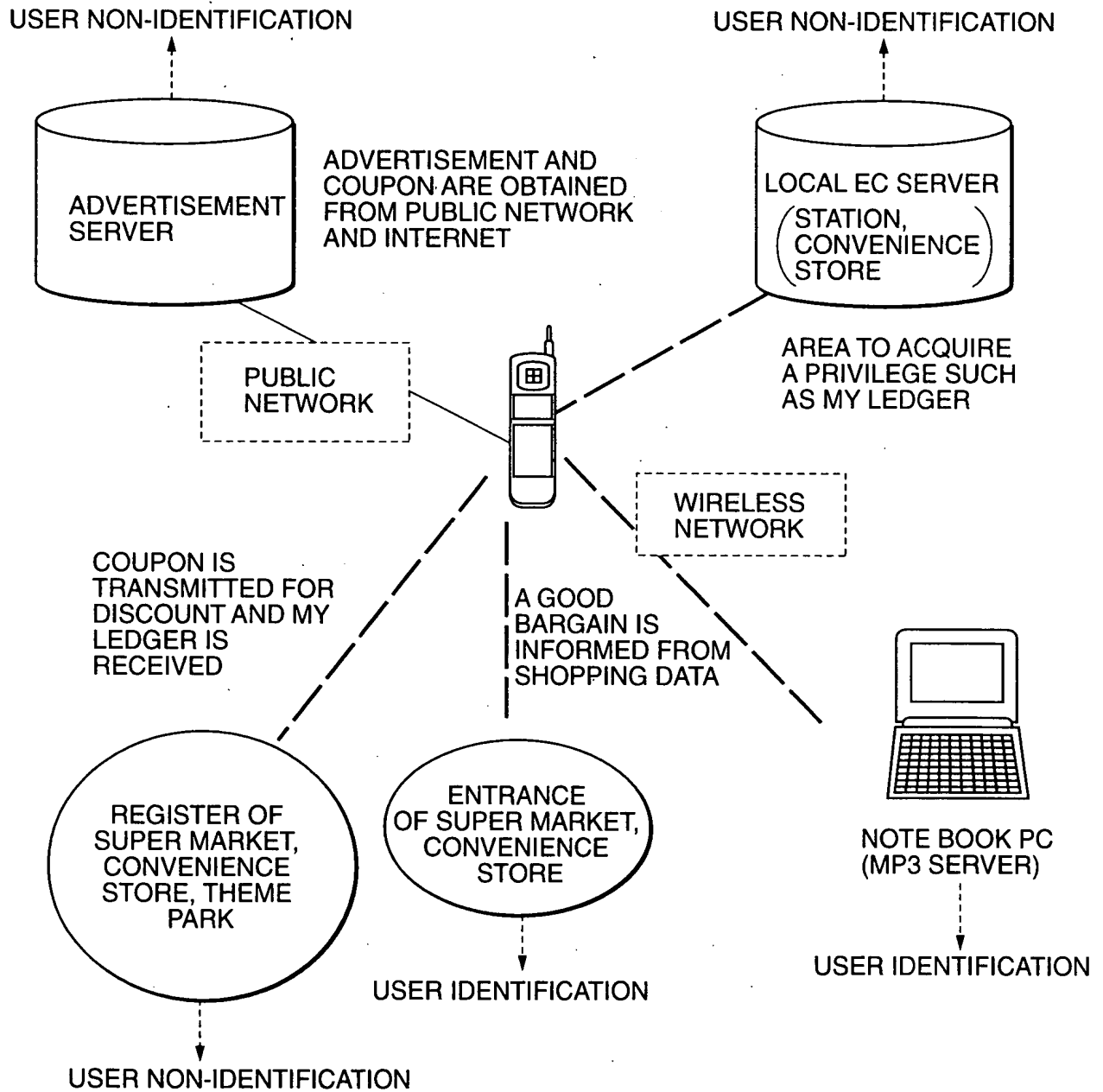


FIG.13

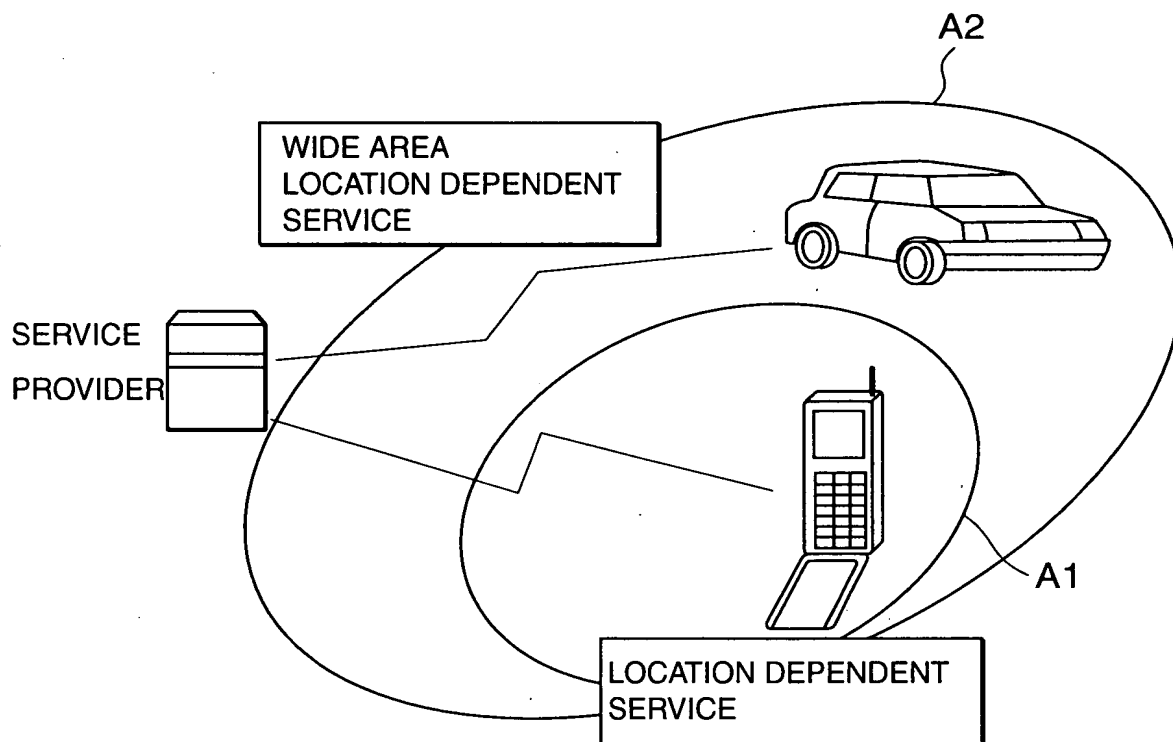


FIG.14